

In the Claims:

All of the pending claims, whether amended or not, are set forth below.

Sub J1  
E1  
1. (Thrice Amended) A device for personal communication, data collection and data processing, which is a small-sized, portable and hand-held work station comprising a data processing unit (2); a display (9); a user interface (10, 11); a number of peripheral device interfaces (12, 17); at least one memory unit (13); a power source; and an application software, characterized in that the device also comprises a camera unit (14) for obtaining image information, said camera unit (14) including a camera (14a), optics (14b) connected thereto, at least one memory unit (24), and an output coupled to said data processing unit (2), wherein at least a portion of said camera unit (14) is located within a housing (1) of the device, wherein said data processing unit (2) processes image information output by said camera unit (14), and wherein said device further comprises means for transmitting image information processed by said processing unit (2) to another location using a radio frequency channel.

Sub J2  
4. A device according to Claim 1, characterized in that said transmitting means comprises a cellular mobile phone unit (17).

5. A device according to Claim 4, characterized in that the equipment required by speech communications, such as a microphone (20) and a speaker (19), contained in the cellular mobile phone unit (17), are fitted in the housing (1) of the device.

E2 Sub J3  
6. (Twice Amended) A device according to Claim 1, characterized in that the device comprises a replaceable keyboard (28) and a digitizer pad (29) which are both

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*E2*  
adapted to couple to a same physical and electrical interface to the device.

7. A device according to Claim 1, characterized in that the device comprises an infrared link (12) for data transmission between external devices and the device.

*Sub 45*  
*13*  
8. (Thrice Amended) A circuit card, which can be fitted to a card slot of a device for personal communication, data collection and data processing in particular, characterized in that at least a portion of a camera unit (14) is integrated in the circuit card (15), said camera unit (14) for obtaining image information, said camera unit comprising a camera (14a), and optics (14b) connected thereto, an image processing unit (14c), and an output, said device including means for processing image information output by said camera unit (14) and means for transmitting image information processed by said processing means to another location using a radio frequency channel.

*Sub 46*  
*14*  
9. (Thrice Amended) A portable radiotelephone comprising a solid-state camera unit, a user interface, a display for presenting image information obtained by the camera unit, a microprocessor adapted to control the operations of the camera unit and to process image information received by the camera unit, and means for transmitting image information processed by said microprocessor to another location using a radio frequency channel, wherein the camera unit comprises a camera, and means for processing and for storing at least a portion of the image information received by the camera unit for later recall and processing.

10. A device according to Claim 1, wherein the power source is a battery.

11. A device according to Claim 1, wherein the camera

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(14a) is a semiconductor camera.

12. A device according to claim 1, wherein said camera unit (14) further comprises means for processing an image taken by said camera (14a) and for storing the image in said at least one memory unit (24) for later recall.

13. A device according to Claim 8, wherein the camera (14a) is a semiconductor camera.

14. A device according to Claim 8, wherein the circuit card (15) is a PCMCIA card, and wherein the card slot is a PCMCIA card slot.

15. (Twice Amended) A device for personal communication, data collecting and data processing, which is a small-sized, portable and hand-held work station comprising a data processing unit (2); a display (9); a user interface (10, 11); a number of peripheral device interfaces (12, 17); at least one memory unit (13); a power source; a card slot; and application software, characterized in that the device also comprises a camera unit (14) for obtaining image information, said camera unit (14) including a camera (14a), optics (14b), and an output, wherein at least a portion of the camera unit (14) is integrated in a circuit card that is electrically couplable to the card slot of the device, wherein said data processing unit (2) processes image information output by said camera unit (14) while said circuit card is electrically coupled to said card slot of said device, and wherein said device further comprises means for transmitting image information processed by said data processing unit (2) to another location using a radio frequency channel.

16. A device according to Claim 15, wherein the camera (14a) is a semiconductor camera.

17. A device according to Claim 15, wherein the circuit card is a PCMCIA card, and wherein the card slot is a PCMCIA card slot.

18. A device according to claim 4, wherein the cellular mobile phone unit (17) is for transmitting at least one of data and speech.

*Sub 311*  
19. (Twice Amended) A portable notebook computer, comprising:

*He*  
a camera unit for recording an image of a selected object, said camera unit comprising at least one memory unit for storing an image recorded by said camera unit;

means, coupled to said camera unit, for processing an image recorded by said camera unit, and means for transmitting an image processed by said processing means to another location using a radio frequency channel; wherein at least a portion of said camera unit is integrated in one of a housing of said notebook computer and a circuit card.

20. A portable notebook computer according to claim 19, wherein said camera unit further comprises:

means for performing character recognition of characters appearing in an image recorded by said camera unit.

21. A portable notebook computer according to claim 19, further comprising:

means, coupled to said processing means, for displaying at least a portion of an image recorded by said camera unit; and

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means for selectively modifying an image appearing on said display.

22. A portable notebook computer according to claim 19, wherein said transmitting means comprises:

means for transmitting a facsimile transmission of at least a portion of an image processed by said processing means.

23. A portable notebook computer according to claim 19, further comprising:

means, coupled to said processing means, for receiving a facsimile from a transmitting station.

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24. (Amended) A portable notebook computer according to claim 19, further comprising a digitizer pad that is removably coupled to said processing means such that it can be replaced with another type of manual input device.

25. A portable notebook computer according to claim 19, further comprising means for performing at least one of transmitting an electronic mail message, paging, and connecting to an on-line information service.

26. A portable notebook computer according to claim 19, wherein the circuit card is a PCMCIA card.

27. A portable notebook computer according to claim 19, wherein said transmitting means comprises means for transmitting a Short Message Service (SMS) message including at least a portion of an image processed by said processing means.

58 8/13  
28. (Twice Amended) A method for recording and processing an image of a selected object using a portable

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notebook computer, the notebook computer having a data processing unit and a camera unit that is electrically coupled to the data processing unit, the camera unit being integrated in one of a housing of the notebook computer and a circuit card that is fitted into a card slot of the notebook computer, wherein the method comprises the steps of:

60 operating the camera unit to record an image of the selected object; and

storing and processing the image recorded by the camera unit to perform character recognition of characters appearing in at least a portion of the recorded image and transmittal of a facsimile representation of at least a portion of the recorded image to another location using a radio frequency channel.

Please add the following new claims:

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-- 29. A portable computer device, comprising:

a data processor coupled to a memory;

65 an electronic camera unit that is detachably coupled to the data processor through a plug-in interface, said electronic camera unit comprising a solid state camera, a second data processor and a second memory, said second data processor being operable for performing at least a character recognition task on an image obtained by said solid state camera unit to generate a set of recognized characters; and

a radio transceiver unit coupled to said data processor for transmitting data to a remote receiver through a radio frequency channel, said transmitted

22 E

data comprising at least one of processed image data obtained from said electronic camera unit or at least a portion of said set of recognized characters.

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30. A portable computer device as in claim 29, and further comprising a display for displaying at least a portion of an image recorded by said electronic camera unit, and wherein said data processor is responsive to a program stored in said memory and to a user input for selectively modifying a displayed image.

31. A portable computer device as in claim 29, and further comprising a manual user input interface adapted to be physically and electrically coupled to and decoupled from one of at least two types of user input devices, wherein a first type of user input device is comprised of a keyboard, and wherein a second type of user input device is comprised of a digitizer pad.

32. A portable computer device as in claim 31 and further comprising a display for displaying information to a user, and wherein said manual user input interface is further adapted to be rotatably attached to a housing of said portable computer device such that said user input device that is coupled to said computer device can be rotated so as cover said display.--

23

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